

Plenary speaker: Laurindo de Salles Leal Filho, University of São Paulo, Brazil

Concentration of iron ore via reverse cationic flotation of silicates: challenges and solutions:

Allan Gomez-Flores, Hanyang University, Republic of Korea

Simulating the separation of black mass particles using CFD

Alan R Butcher, Geological Survey of Finland, Finland

A new mineralogical, petrographic, isotopic and geochemical workflow for the characterization of spodumene - implications for mineral processing

Andrew Dixon, FLSmidth Ltd, United Kingdom

The REFLUX flotation cell

Andrew H. Menzies, Bruker Nano GmbH, Germany

The search for gold: benefits of combining micro-xrf and sem analytical techniques

Carolina Månbro, Luleå University of Technology, Sweden

Chemical and Mineralogical Characterisation of Iron Ore Drillcore using μ -XRF

Gilsang Hong, Hanyang University, Republic of Korea

Direct separation of cathode and anode active materials of spent lithium ion batteries

Hyunjung Kim, Hanyang University, Republic of Korea

A research trend on biocollector-based flotation

Ulrika Håkansson, LKAB Minerals, Sweden

Circular production of phosphorus and rare earth elements

Magnus Evertsson, Chalmers University of Technology, Sweden

Characterization of single particle breakage for improved energy efficiency in comminution

Mohamed Elsadek, Luleå University of Technology, Sweden

Recovery of Valuable metals from spent LIBs black mass using thermal treatment

Mohammad Khoshkhoo, Boliden Mineral AB, Sweden

Bioleaching: A Promising Option for Recovery of Valuables from Sulphidic Residues

Mohammad Jooshaki, Geological Survey of Finland, Finland

Digitization and automation of GTK's mineral processing pilot plant and research laboratories – for improving productivity and customer experience

Per Svedensten, NMS Research Center Sweden, Sweden

New Crusher Simulation Model for Improved Flowsheet Simulation Accuracy

Raimon Tolosana-Delgado, Helmholtz-Zentrum Dresden-Rossendorf, Germany

Particle-based process understanding and geometallurgical testing

Ronja Suvela, University of Oulu, Finland

Development and application of selective analysis methods for the determination of xanthates in process and environmental water samples

Saeed Chehreh Chelgani, Luleå University of Technology, Sweden

Flotation using green chemicals